

CLAIMS

- 1 1. A kit for the collection and preservation of a saliva sample for
2 subsequent assay of a biologic therein comprising:
3 a container;
4 a saliva collection device, said saliva collection device including a
5 salivation catalyst; and
6 a preservative solution retained within said container.

- 1 2. The kit of claim 1, wherein the container comprises a resealable
2 tube.

- 1 3. The kit of claim 2, wherein the resealable tube comprises a
2 polyethylene transfer vial.

- 1 4. The kit of claim 1, wherein the saliva collection device
2 comprises a transfer pipette having a compression end and an intake end.

- 1 5. The kit of claim 1, wherein the salivation catalyst comprises a
2 food flavoring.

- 1 6. The kit of claim 5, wherein the food flavoring is selected from a
2 group consisting of lemon, peppermint, spearmint and orange flavorings.

1 7. The kit of claim 1, wherein the preservative solution comprises:
2 sodium chloride, NaHPO_4 and NaH_2PO_4 in an aqueous concentration to
3 provide a 50mM phosphate solution; and
4 0.5 - 2.0g sodium benzoate.

1 8. The kit of claim 7, wherein the preservative solution comprises
2 a pH of 6.2.

1 9. The kit of claim 1, wherein the preservative solution comprises
2 a fungicide.

1 10. The kit of claim 1, wherein the preservative solution comprises
2 a bactericide.

1 11. A method of assaying for a biological comprising the steps of:
2 providing a container;
3 providing a preservative solution within the container;
4 providing a saliva collection device, the saliva collection device
5 including a salivation catalyst;
6 collecting at a first location a saliva sample directly from a mouth of a
7 user using the saliva collection device;
8 depositing the saliva collection device having the saliva sample into the
9 container; and

10 sealing the container having the saliva collection device against spillage
11 and tampering.

1 12. The method of claim 11, further comprising the step of shipping
2 the container having the saliva collection device to a second location.

1 13. The method of claim 12, further comprising the step of assaying
2 the saliva sample and preservative solution subsequently for a biologic at a
3 second location.

1 14. The method of claim 11, further comprising the step of assaying
2 the saliva sample and preservative solution subsequently for a biologic at a
3 second location.

1 15. The kit of claim 11, wherein the container comprises a
2 resealable tube.

1 16. The kit of claim 15, wherein the resealable tube comprises a
2 polyethylene transfer vial.

1 17. The kit of claim 11, wherein the saliva collection device
2 comprises a transfer pipette having a compression end and an intake end.

1 18. The kit of claim 11, wherein the salivation catalyst comprises a
2 food flavoring.

1 19. The kit of claim 18, wherein the food flavoring is selected from
2 a group consisting of lemon, peppermint, spearmint and orange flavorings.

1 20. The kit of claim 11, wherein the preservative solution
2 comprises:

3 sodium chloride, NaHPO_4 and NaH_2PO_4 in an aqueous concentration to
4 provide a 50mM phosphate solution; and

5 0.5 - 2.0g sodium benzoate.

1 21. The kit of claim 11, wherein the preservative solution comprises
2 a fungicide.

1 22. The kit of claim 11, wherein the preservative solution comprises
2 a bactericide.